

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/GB2004/002955

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16H61/04 F16H59/16 B60K41/22 G01L1/22
//B60K41/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F16H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 251 043 B1 (GIERLING ARMIN) 26 June 2001 (2001-06-26) column 1, line 5 - line 13 column 2, line 52 - column 3, line 11 column 3, line 58 - line 63	1-22
X A	US 4 328 719 A (MANNA ALBERT) 11 May 1982 (1982-05-11) the whole document	22 1
X	DE 871 670 C (E H CARL F W BORGWARD DR ING) 26 March 1953 (1953-03-26) the whole document	22
A	US 3 903 738 A (MALCHOW GREGORY L) 9 September 1975 (1975-09-09) the whole document	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 September 2004

Date of mailing of the international search report

20/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 198 35 334 A (TUESCHEN & ZIMMERMANN) 10 February 2000 (2000-02-10) the whole document	1
P, A	WO 03/078198 A (HEDSTROEM LARS-GUNNAR ; SCANIA CV ABP (SE)) 25 September 2003 (2003-09-25) the whole document	1
A	WO 01/29440 A (PRELOAD INTERNAT LTD ; MARTIN WILLIAM WESLEY (GB)) 26 April 2001 (2001-04-26) the whole document	1

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Information on patent family members

International Application No
PCT/GB2004/002955

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6251043	B1	26-06-2001	DE 19851160 A1	18-05-2000
US 4328719	A	11-05-1982	NONE	
DE 871670	C	26-03-1953	NONE	
US 3903738	A	09-09-1975	NONE	
DE 19835334	A	10-02-2000	DE 19835334 A1	10-02-2000
			AU 5413899 A	28-02-2000
			WO 0008360 A1	17-02-2000
WO 03078198	A	25-09-2003	SE 521538 C2	11-11-2003
			SE 0200829 A	20-09-2003
			WO 03078198 A1	25-09-2003
WO 0129440	A	26-04-2001	AU 7974300 A	30-04-2001
			WO 0129440 A1	26-04-2001

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